

ABSTRACT OF THE DISCLOSURE

5 The present invention facilitates data recovery without requiring selection of a sample phase. The data is recovered by sampling a received signal to obtain a number of samples at a number of phases over a given time period referred to as a bit time. The samples are analyzed to determine if a transition has occurred in one or more consecutive phases. Such a transition is also referred to as a data toggle. Generally, one or more toggles in a single bit time indicate one data value (e.g., a zero) whereas no transitions indicate another data value (e.g., a one).

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